

# Safety Data Sheet



Keystone Clean-X, Inc.  
855 Industrial Hwy.  
Cinnaminson, NJ 08077  
1-856-786-4443  
<http://keystoneclean-x.com>

## Section 1. Chemical Product and Company Identification

**Product name** CLEAN-X LEMON-AID  
**Product use** Multi Purpose Vehicle Cleaner  
**Product code** 2615 LA  
**Date of issue** 05/15/15

### Emergency Telephone Numbers

#### For SDS Information:

1-856-786-4443  
<http://keystoneclean-x.com>

#### For Medical Emergency

(800) 222-1222 Toll Free  
American Association of Poison Control Centers

#### For Transportation Emergency

CHEMTREC: (800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

### Prepared By

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## Section 2. Hazards Identification

### Emergency overview

\*Hazard Determination System (HDS): Health, Flammability, Reactivity

**DANGER!**



CAUSES EYE, SKIN AND MUCOUS MEMBRANE BURNS.  
HARMFUL IF SWALLOWED.

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

### Acute Effects

#### Routes of Entry

Dermal contact. Eye contact. Inhalation.

**Eyes Skin** Corrosive to eyes. Causes burns. Direct contact with the eyes can cause irreversible damage, including blindness. Inflammation of the eye is characterized by redness, watering and itching.

**Inhalation** Corrosive to the skin. Causes burns. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.

Corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. May cause irritation of respiratory tract, coughing, shortness of breath.

**Ingestion** Harmful if swallowed. May cause burns to mouth, throat and stomach.

### Chronic effects

Repeated or prolonged skin contact may produce chronic inflammation or dermatitis, characterized by redness, scaling or itching. Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Contains material which may cause damage to the following organs: liver, cardiovascular system, eyes, and back.

### Carcinogenicity

Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
trisodium nitrilotriacetate	-	2B	-	-	-	-

Additional Information: See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

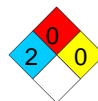
Name of Hazardous Ingredients	CAS number	% by Weight
Tetrasodium Ethylene Diamine Tetraacetate	64-02-8	10-20
SXS; Sodium Xylenesulphonate	1300-72-7	1-10
Ethoxylated Nonylphenol	9016-45-9	1-3
Sodium Metasilicate; Disodium Metasilicate	6834-92-0	1-5
Trisodium Nitrilotriacetate	5064-31-3	<1

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation occurs.
<b>Inhalation</b>	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
<b>Ingestion</b>	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A)



<b>Flash Point</b>	Not available.
<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	Non-combustible.
<b>Fire hazard</b>	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for the surrounding fire.

**Section 6. Accidental Release Measures**

<b>Spill Cleanup</b>	Put on appropriate personal protective equipment (see Section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
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**Section 7. Handling and Storage**

<b>Handling</b>	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Wash thoroughly after handling. Do not reuse container. Observe label precautions.
<b>Storage</b>	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Protect from freezing. Do not store in unlabeled containers. Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection**

<b>Product name</b>	<b>Exposure limits</b>
No exposure limit value known.	

**Personal Protective Equipment (PPE)**

<b>Eyes</b>	Splash Goggles. Face Shield
<b>Body</b>	Neoprene, Nitrile or Rubber gloves. Wear apron or coverall if there is a risk of exposure to splashes. Chemical resistant boots.
<b>Respiratory</b>	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Color</b>	Pink
<b>pH</b>	13 to 13.4	<b>Odor</b>	Lemon
<b>Boiling Point</b>	104.44°C (220°F)	<b>Vapor Pressure</b>	Not available.
<b>Specific Gravity</b>	1.16	<b>Vapor Density</b>	Not available.
<b>Solubility</b>	Soluble in the following materials: cold water and hot water.	<b>Evaporation Rate</b>	1 (Water = 1)
		<b>VOC (Consumer)</b>	0 % (w/w) 0 lbs/gal (0 g/l)

**Section 10. Stability and Reactivity**

- Stability and Reactivity** The product is stable.
- Incompatibility** Reactive or incompatible with the following materials: oxidizing materials and acids.
- Hazardous Polymerization** Under normal conditions of storage and use, hazardous polymerization will not occur.
- Hazardous Decomposition Products** carbon oxides (CO, CO<sub>2</sub>) sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub> etc.)

**Section 11. Toxicological Information****Acute Toxicity****Product/ingredient name****Result****Species****Dose****Exposure**

N/A

**Section 12. Ecological Information****Environmental Effects** Not available.**Aquatic Ecotoxicity**

disodium metasilicate	-	Acute EC50 33.53 mg/l Fresh water	Crustaceans - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	-	Acute LC50 2320 ppm Fresh water	Fish - Western mosquitofish - Gambusia affinis - Adult	96 hours
	OECD	Chronic NOEC 160 mg/l Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata	72 hours
trisodium nitrilotriacetate	-	Acute LC50 185000 µg/l Fresh water	Algae - Diatom - Navicula seminulum	96 hours
	-	Acute LC50 560000 to 1000000 µg/l Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	-	Acute LC50 98000 µg/l Fresh water	Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss	96 hours
	-	Chronic NOEC 100000 µg/l Fresh water	Algae - Algae - Algae - Exponential growth phase	96 hours
	-	Chronic NOEC 100000 µg/l Fresh water	Daphnia - Water flea - Daphnia magna	21 days

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Code: D002  
 Classification: Hazardous waste.  
 Origin: RCRA waste.

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
<b>DOT Classification</b>	Not regulated.	-	-	-	
<b>IMDG Class</b>	Not regulated.	-	-	-	

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG\* : Packing group

**Section 15. Regulatory Information****U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

**Product name**

No products were found.

**Clean Water Act (CWA) 311:** No products were found.

**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

**State Regulations****California Prop 65**

No products were found.

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any materials is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

*\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, "0" representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.*